DOCKET NO. <u>MC1-8347</u>

IAP9 Rec'd PCTYPTO 15 SEP 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of	O	on	icatio	lic	app	tent	par	re	ln
-----------------------------	---	----	--------	-----	-----	------	-----	----	----

Applicant:

Andrew Mark Shaw

Serial No.:

herewith

Filed: For:

Fluid Monitoring Apparatus and Methods

Art Unit:

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed foreign patent document and other publication is enclosed. No U.S. Patents nor any published U.S. Patent Applications are enclosed.

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a)	Copy of each English language version of a search report indicating the degree of relevance found by the
	foreign office of each document being submitted from the search report.

- (b) _____Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".
- 3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):
 - (a) \underline{X} Within 3 months of the filing date or date of entry into the National Stage.
 - (b) _____Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090 for consideration of this Statement.

IAP9'Rec'd PCTVPTO 15 SEP 2006

	(c)	After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.					
		(1)	The required certification	is given below, or			
		(2)	Enclosed is a check coveri this Statement, or	ing the fee set forth in 37 C.F.R. 1.17(p) for consideration of			
		(3)	Charge the fee set forth in	37 C.F.R. 1.17(p) to Deposit Account No. 20-0090.			
	(d)		iling date of either a final action or a notice of allowance, but before payment of the issue fee by is made for consideration of this Statement and the required certification is indicated below				
		(1)	Enclosed is a check coveri	ing the fee set forth in 37 C.F.R. 1.17(i)(1), or			
		(2)	Charge the fee set forth in	37 C.F.R. 1.17(i)(1) to Deposit Account No. 20-0090.			
4.	Certificat	ion (if applicable)	ı				
	(a) The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.						
	(b)	communication that knowledge after	from a foreign patent office	om of information contained in this Statement was cited in a in a counterpart foreign application or, to the undersigned's was known to any individual designated in 37 C.F.R. 1.56(c) a Statement.			
5.	. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-0090.						
				Respectfully Submitted,			
				TAROLLI, SUNDHEIM, COVELL, & TUMMINO L.L.P.			
				By: Of P. 1 Christopher P. Harris			
				Reg. No. 43,660			

CUSTOMER NUMBER: 26294

TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP 1300 East Ninth Street, Suite 1700 Cleveland, Ohio 44114 (216) 621.2234

IAP9/Rec'd PCT/PTO 15 SEP 2006

Examiner Name

Attorney Docket Number

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

MC1-8347

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Application Number

Filing Date

Filing Date

First Named Inventor

Andrew Mark Shaw

Art Unit

(Use as many sheets as necessary)

Sheet

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name Of Patentee Or	Pages, Columns, Lines, Where	
Initials	No. ¹	Number-Kind Code 2 (if Known)	MM-DD-YYYY	Applicant Of Cited Document	Relevant Passages Or Relevan Figures Appear	
		US-5,239,176 A	08-24-1993	Stevenson, et al.	Figs. 1-4	
		US-2002/122179 A1	09-05-2002	Pipino, Andrew C.R et al.	Figs. 2,3	
		US-4,945,245 A	07-31-1990	Levin, et al.	Figs. 4,5	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Pages, Columns, Lines, Examiner Cite **Publication Date** Name of Patentee or Where Relevant Initials No.1 Country Code-Number-Kind Code MM-DD-YYYY **Applicant of Cited Document** Passages or Relevant (If Known) Figures Appear The State of Israel Atomic EP 0 417 700 A 03-20-1991 **Energy Commission** Figs. 1,2,6 Soreq Nuclear Research Eidgenoessische EP 1 195 582 A 04-10-2002 Technische Hochschule Figs. 1-10 Zuerich Hitachi Electron Eng. Co. Abstract JP 05 172732 A 07-09-1993 Fig. 1 GB 2 212 261 A 07-19-1989 * STC PLC Fig. 1 GB 2 171 796 A 09-03-1986 * Coal Industry Fig. 1

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²				
		International Search Report for corres. PCT/GB2005/050035 completed May 25, 2005 by W. Mason of the EPO					
•							

Examiner	Date	
Signature	Considered	
*EXAMINER: In	itial if reference considered, whether or not citation is in conformance with MPER 600. Draw line through citation if not	in conformance and not considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.